

**Product:** ARUNA LED 3R 12000 OPTICS-1L E 34 840 / 600X600

**Index:** 19.3044.0303.34



## Description

LED luminaire dedicated to be mounted on suspended modular ceilings, cardboard suspended ceilings (using adaptive frame), directly on the ceiling (using ceiling slab) or using slings. Equipped with highly efficient LED light sources. Light distribution available with modern lenses. Housing made of steel sheet. Standard colour of the luminaire is white. Significant diversity of the value of luminous flux. Colour rendering index CRI: 80. Thanks to its innovative optics Aruna LED perfectly fits to be used in offices-especially to work with computers.

## Product information

Category	<b>Recessed luminaires</b>
Family	<b>ARUNA LED</b>
Name	<b>ARUNA LED 3R 12000 OPTICS-1L E 34 840 / 600X600</b>
Index	<b>19.3044.0303.34</b>



## Light and electrical data

Light source	<b>LED</b>
Luminous flux LED [lm]	<b>12495</b>
LED power [W]	<b>77</b>
Luminaire luminous flux [lm]	<b>9974</b>
Power of luminaire [W]	<b>86</b>
Luminaire's light efficiency [lm/W]	<b>116</b>
Color of the light [K]	<b>4000</b>
CRI	<b>&gt;80</b>
SDCM (LED sources)	<b>3</b>
Beam angle [°]	<b>(C0-C180) / (C90-C270) - 100,4° / 90,8°</b>
Protection against electric shock	<b>I</b>
Protection degree	<b>IP20</b>
Voltage	<b>220..240 V, 50..60 Hz</b>
Lifetime of LED sources [h]	<b>100000 (1) / 147000 (2)</b>
Lx/By	<b>L80/B10 (1) / L70/B50 (2)</b>
Operating temperature range [°C]	<b>5 ÷ 30</b>
Driver	<b>standard on/off (E)</b>
Power factor cos φ	<b>&gt;0,95</b>
Circuit load capacity	<b>9 (B10), 15 (B16), 15 (C10), 24 (C16)</b>

## Mechanical data



Assembly	<b>mounted in module ceilings, plasterboard ceilings, directly on the ceiling or using the slings</b>
Material	<b>steel sheet</b>
Color	<b>RAL 9016 (white)</b>
Diffuser	<b>OPTICS (optical system based on lenses)</b>
Impact resistant	<b>IK04</b>
Dimensions [mm]	<b>593 x 593 x 39</b>
Mounting hole [mm]	<b>610 x 610</b>

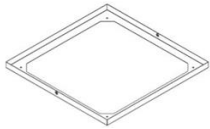
## A graph of light



## Accessories

Index 19.3044.0002.34

Name Frame for ceiling mounting /  
600X600



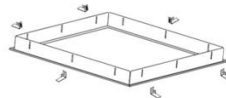
Index 2C1A7392

Name Adaptive frame for plasterboard  
ceiling (600x600)



Index 01ARNL-AGK625

Name Adaptive frame for plasterboard  
ceiling / 625X625



Index 19.3272.0101.34

Name SUSPENSION NEW TYPE-G+H  
34 LENGHT 1,5M WIRE 3X SET  
TYPE-Y

